

OPINION 2105 (Case 3245)

Hastigerinella* Cushman, 1927 and *Clavigerinella* Bolli, Loeblich & Tappan, 1957 (Rhizopoda, Foraminiferida): usage conserved by the designation of *Hastigerina digitata* Rhumbler, 1911 as the type species of *Hastigerinella

Abstract. The Commission has ruled that the current usage of the generic names *Hastigerinella* Cushman, 1927 for a group of extant planktonic foraminifera and *Clavigerinella* Bolli, Loeblich & Tappan, 1957 for a group of fossil foraminifera is conserved by the designation of *Hastigerina digitata* Rhumbler, 1911 as the type species of *Hastigerinella*.

Keywords. Nomenclature; taxonomy; Foraminifera; HASTIGERININAE; *Hastigerinella*; *Clavigerinella*; *Hastigerinella digitata*; *Clavigerinella akersi*.

Ruling

- (1) Under the plenary power it is hereby ruled that the name *digitata* Rhumbler, 1911, as published in the binomen *Hastigerina digitata*, is deemed to be the specific name of a then-new nominal species and is not to be treated as a misidentification of *Globigerina digitata* Brady, 1879.
- (2) The following names are hereby placed on the Official List of Generic Names in Zoology:
 - (a) *Hastigerinella* Cushman, 1927 (gender: feminine), type species by original designation *Hastigerina digitata* Rhumbler, 1911;
 - (b) *Clavigerinella* Bolli, Loeblich & Tappan, 1957 (gender: feminine), type species by original designation *Clavigerinella akersi* Bolli, Loeblich & Tappan, 1957.
- (3) The following names are hereby placed on the Official List of Specific Names in Zoology:
 - (a) *digitata* Rhumbler, 1911, as published in the binomen *Hastigerina digitata* and as defined by the neotype BMNH Cat. no. 1959.5.11.744 in the collections of the Natural History Museum, London, designated by Banner (1965), ruled in (1) above to be deemed to be the specific name of a then-new nominal species (specific name of the type species of *Hastigerinella* Cushman, 1927);
 - (b) *akersi* Bolli, Loeblich & Tappan, 1957, as published in the binomen *Clavigerinella akersi* (specific name of the type species of *Clavigerinella* Bolli, Loeblich & Tappan, 1957).

History of Case 3245

An application to conserve the current usage of the generic names *Hastigerinella* Cushman, 1927 for a group of extant planktonic foraminifera and *Clavigerinella* Bolli, Loeblich & Tappan, 1957 for a group of fossil foraminifera was received from

Helen Coxall (*School of Ocean and Earth Science, Southampton Oceanography Centre, Southampton SO14 3ZH, U.K.*) on 6 May 2002. After correspondence the case was published in BZN **60**: 182–187 (September 2003). The title, abstract and keywords of the case were published on the Commission's website. No comments on this case were received.

Decision of the Commission

On 1 December 2004 the members of the Commission were invited to vote on the proposals published in BZN **60**: 185–186. At the close of the voting period on 1 March 2005 the votes were as follows: 21 Commissioners voted FOR the proposals, no Commissioners voted AGAINST, Evenhuis, Kerzhner and Ng were on leave of absence; no vote was received from Böhme.

Original references

The following are the original references to the names placed on Official Lists by the ruling given in the present Opinion:

akersi, *Clavigerinella*, Bolli, Loeblich & Tappan, 1957, *Studies in foraminifera*. United States National Museum Bulletin, Smithsonian Institution no. 215, p. 30.

Clavigerinella Bolli, Loeblich & Tappan, 1957, *Studies in foraminifera*. United States National Museum Bulletin, Smithsonian Institution no. 215, p. 30.

digitata, *Hastigerina*, Rhumbler, 1911, *Die allgemeinen Organisationsverhältnisse der Foraminiferen*, *Plankton Expedition Humboldt-Stiftung*, *Ergebn* 3, pp. 163, 202.

Hastigerinella Cushman, 1927, *Cushman Laboratory of Foraminiferal Research Contributions*, **3**: 87.

The following is the reference for the designation of the neotype of *Hastigerina digitata* Rhumbler, 1911:

Banner, F.T. 1965. *Micropaleontology*, **5**: 115.